STA[illegible]

TEST REQUEST FORM

Sample/Specimen No: 0-110 Cost Code/Work Order No. ED33Z

Requested By: Org. 81232 Person J. LINDBERG Date 2-26-90

Test Requested	No. of Samples	Test Lab Information (Instruction Used)
SIEVE ANALYSIS	1	ETAL-07
HYDROMETER	1	ETAL-07 (CF REG)
N/A	N/A	N/A
N/A	N/A	N/A

Remarks FIELD SAMPLE MW-3-1

Received By: R-G ALEXANDER Date 2/21/90

Approved By: R-G ALEXANDER Date 2/26/90

SIEVE ANALYSIS DATA SHEET

Sample ID 0-110 Page 1 of 1

Tested By R G ALEXANDER Date 2-26-90

Procedure ETAL-07 Rev 1 Date Issued 11-15-89

EQUIPMENT ITEM	CALIBRATION NO.	DATE DUE
Balance	3304	3-25-90
Thermometer	0007	8-16-90
N/A	N/A	N/A

Sample Description SANDY GRAVEL Sieve Time 10 (min)

reduced by ☒ splitting ☒ quartering ☐ stockpile

(B) (A)
BEFORE TEST WT. N/A AFTER TEST WT. N/A $\frac{B-A}{B}$ x 100 = N/A % LOSS

Sieve ID Number	Sieve Size	Sample Weight	Cumulative Wt. Retained (g)	% Retained	Cumulative % Retained	Cumulative % Pass	% Pass
N/A	2	4550.59	246.61	5.4	5.4	94.6	94.6
	1 1/2		624.63	13.7	13.7	86.3	86.3
	1		1644.86	36.1	36.1	63.9	63.9
	3/4		2187.56	48.1	48.1	51.9	51.9
	1/2		2688.89	59.1	59.1	40.9	40.9
	3/8		2905.40	63.8	63.8	36.2	36.2
	#4		3203.03	70.4	70.4	29.6	29.6
	#10	↓	3419.79	75.2	75.4	24.6	24.6
	#40	136.59	2462	18.0	18.0	82.0	20.2
	#60		40.45	29.6	29.6	70.4	17.3
	#100		67.53	49.4	49.4	50.6	12.4
	#200	↓	104.84	76.8	76.8	23.2	5.7

Finess Modules (FM) N/A (See ASTM C 136-83, Section 8.2)

MATERIALS FINER THAN NO. 200 SIEVE BY WASHING

C=Percentage of Material Passing a 200 Sieve 23.2%

D=Original Dry Weight of Sample 136.59 g

E=Dry Weight of Sample After Washing/Sieve 104.84g

C = <(D-E)/D> X 100

Remarks
WASH FINE GRADING
SMALL FIELD SAMPLE

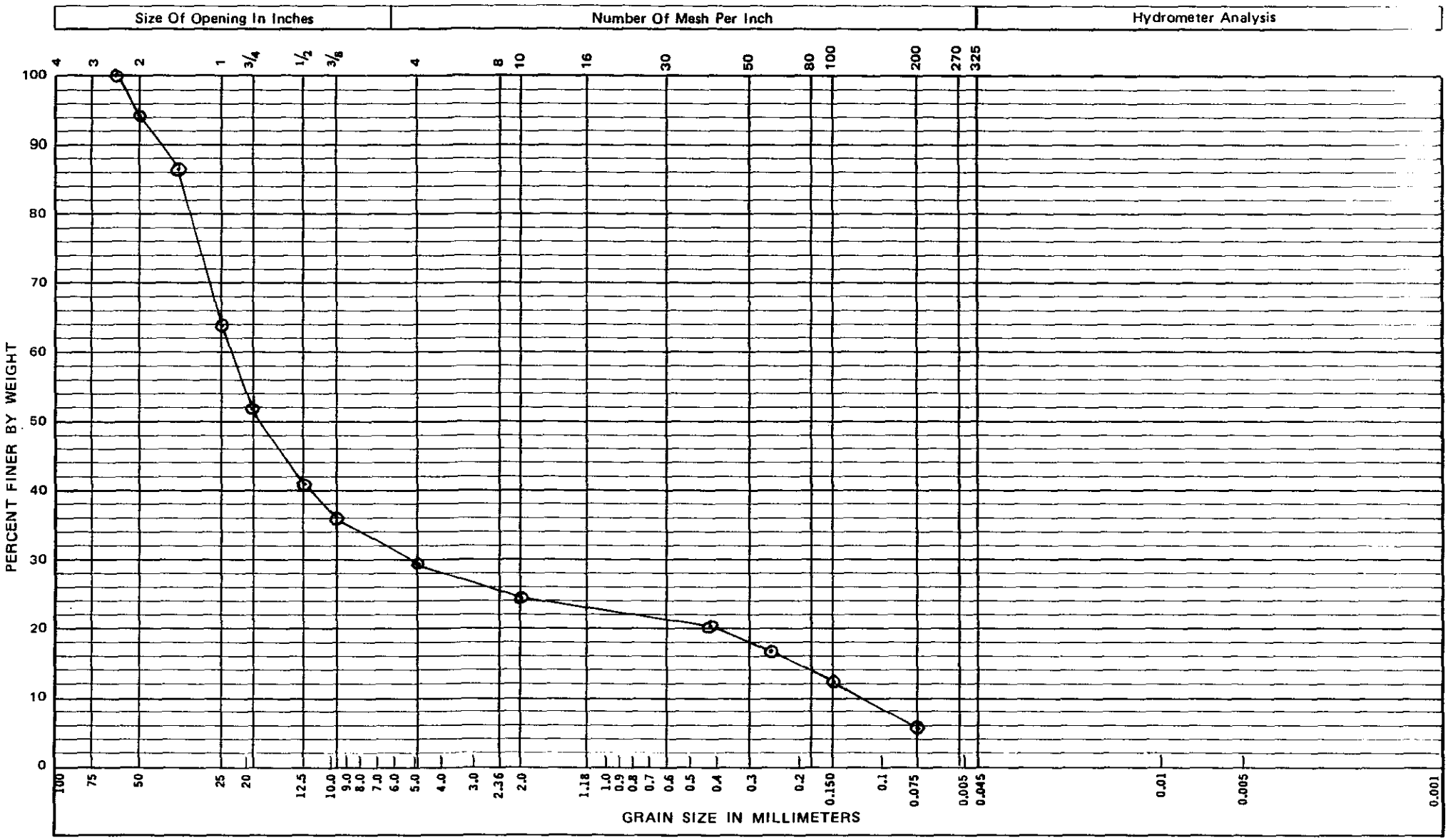
ALL DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS TRAINED AND USED CALIBRATED INSTRUMENTS
Checked By HC Benny Date 3-1-90

A-6400-204(2-87)

9211-15

9 2 1 2 - [illegible] 0 1 1 6

GRAIN SIZE ANALYSIS PLOT



Specimen No. O-110 Procedure No. ETAL-07 Rev. 1 Date Issued 11-15-89

Sample Description:	Plotted by:	Checked by:
SANDY GRAVEL MW-3-1	R.G ALEXANDER	HC Benny
	Date: 2-26-90	Date: 3-1-90

SOIL MOISTURE DATA SHEET

PROCEDURE NO. ETAL-14 REV. NO. 00

THERMOMETER NO. 0007 CALIBRATION DUE DATE 8-16-90

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
0-100	5423.30	5139.98	589.39	4833.91	4550.59	6.23

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: R.G ALEXANDER DATE 2-28-90

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Company Contact: Jon Lindberg Telephone 8-5005

Sample Collected by: K.M. Singleton Date: 2-14, 15, 16-90 Time: 1302, 1155, 1115 hrs

Sample Locations: 1100-EM-1, MW-3

Ice Chest No.: NA Field Logbook & Page No.: WHC-N-306-2

Remarks: Have a nice day Jerry

Bill of Lading No.: NA Off Site Property No.: NA

Method of Shipment: Van

Shipped to: 200-East 2101-M Lab

Sample Identification

1. MW-3-1, plastic bag
2. MW-3-2, plastic bag
3. MW-3-3, plastic bag & stainless steel liner.

NA

NA

CHAIN OF POSSESSION

Relinquished by:	Received by:	Date/Time:
K.M. Singleton, K.M. Singleton	J. VAUGHN J. Vaughn	2/21/90 1015
J. VAUGHN J. Vaughn	R.G. Alexander R.G. ALEXANDER	2/21/90 1045

FVR\071889-B

Westinghouse
Hanford Company

SAMPLE ANALYSIS REQUEST

PART I: FIELD SECTION

Collector: K.M. Singleton Date Sampled: 2-14,15-16-90 Time: 1302 1155 1115 hours

Company Contact J. Lindberg Telephone ( ) 6-5005

SAMPLE NUMBER	NUMBER & TYPE OF SAMPLE CONTAINERS	TYPE OF SAMPLE *	ANALYSIS REQUESTED
MW3-1	1 plastic bag	soil	Grain size
MW3-2	1 plastic bag	soil	Grain size
MW-3-3	1 steel liner in a plastic bag	soil	Grain size, A. limits, hydrometer

Field Information **

Special Handling and/or Storage

PART II: LABORATORY SECTION

Received by Title Date

Analysis Required

* Indicate Whether Sample is Soil, Sludge, Water, Etc.

** Use Back of Page for Additional Information Relative to Sample Location.

SURVEYED BY RM FOR SHIPMENT

Dose rate – side of container <0.5 mr-hr
Max. dose rate through the container 1 mr-hr
Dose rate to handle container 4 mr-hr
Dose rate at nearest approach on conveyance 4 mr-hr
External contamination <DxBK
SWP and RSR required Yes ☐ No ☒

SURVEYED BY Fparker
DATE 2-14-90

54-6800-009(1-66) MW-3-

SURVEYED BY RM FOR SHIPMENT

Dose rate – side of container <0.5 mr-hr
Max. dose rate through the container 1 mr-hr
Dose rate to handle container 4 mr-hr
Dose rate at nearest approach on conveyance 4 mr-hr
External contamination <DxBK
SWP and RSR required Yes ☐ No ☒

SURVEYED BY Fparker
DATE 2-16-90

54-6800-009(1-66) MW-3-3

SURVEYED BY RM FOR SHIPMENT

Dose rate – side of container <0.5 mr-hr
Max. dose rate through the container 1 mr-hr
Dose rate to handle container 4 mr-hr
Dose rate at nearest approach on conveyance 4 mr-hr
External contamination <DxBK
SWP and RSR required Yes ☐ No ☒

SURVEYED BY Fparker
DATE 2-15-90

54-6800-009(1-66) MW-3-2

TEST REQUEST FORM

Sample/Specimen No. 0-111 Cost Code/Work Order No. ED332

Requested By: Org. 81232 Person J. LINDBERG Date 2-26-90

Test Requested	No. of Samples	Test Lab Information (Instruction Used)
SIEVE ANALYSIS	1	ETAL-07
HYDROMETER	1	ETAL-07 (IF REQ)
N/A	N/A	N/A
N/A	N/A	N/A

Remarks FIELD SAMPLE MW-3-2

Received By: R.G ALEXANDER Date 2-26-90

Approved By: R.G ALEXANDER Date 2-26-90

SIEVE ANALYSIS DATA SHEET

Sample ID O-111 Page 1 of 1

Tested By RG ALEXANDER Date 2-26-90

Procedure ETAL-07 Rev 1 Date Issued 11-15-89

EQUIPMENT ITEM	CALIBRATION NO.	DATE DUE
Balance	3304	3-25-90
Thermometer	0007	8-16-90
N/A	N/A	N/A

Sample Description SANDY GRAVEL Sieve Time 10 (min)

reduced by ☒ splitting ☒ quartering ☐ stockpile

(B) (A)
BEFORE TEST WT. N/A AFTER TEST WT. N/A $\frac{B-A}{B}$ x 100 = N/A % LOSS

Sieve ID Number	Sieve Size	Sample Weight	Cumulative Wt. Retained (g)	% Retained	Cumulative % Retained	Cumulative % Pass	% Pass
N/A	2	4422.28	664.35	15.0	15.0	85.0	85.0
	1 1/2		870.71	19.7	19.7	80.3	80.3
	1		1735.36	39.2	39.2	60.8	60.8
	3/4		2217.10	50.1	50.1	49.9	49.9
	1/2		2626.02	59.4	59.4	40.6	40.6
	3/8		2906.06	65.7	65.7	34.3	34.3
	#4		3246.09	73.4	73.4	26.6	26.6
	#10		3454.12	78.1	78.1	21.9	21.9
	#40	138.87	23.43	16.9	16.9	83.1	18.2
	#60		63.60	45.8	45.8	54.2	11.9
	#100		108.95	78.5	78.5	21.5	4.7
	#200		1265°	91.1	91.1	8.9	1.9

Finess Modules (FM) N/A (See ASTM C 136-83, Section 8.2)

MATERIALS FINER THAN NO. 200 SIEVE BY WASHING

C=Percentage of Material Passing a 200 Sieve 8.9 %

D=Original Dry Weight of Sample 138.87 g

E=Dry Weight of Sample After Washing/Sieve 1265 g

C = <(D-E)/D> X 100

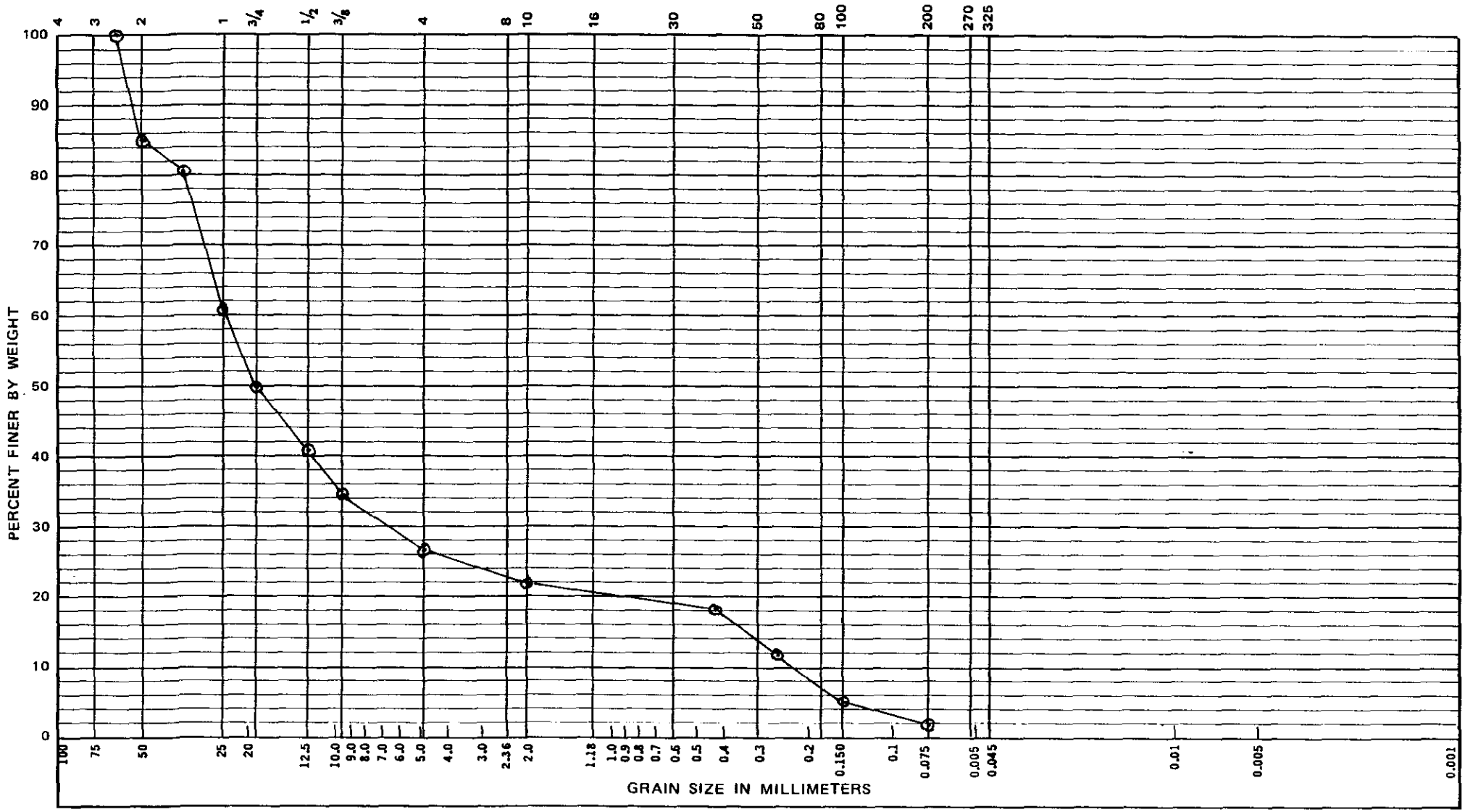
Remarks
WASH FINE GRADING
SMALL FIELD
SAMPLE

ALL DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS TRAINED AND USED CALIBRATED INSTRUMENTS

Checked By HL Benny Date 3-3-90

A-6400-204(2-87)

GRAIN SIZE ANALYSIS PLOT



Specimen No. O-111 Procedure No. ETAL-07 Rev. 1 Date Issued 11-15-89

Sample Description: SANDY GRAVEL
MW-3-2

Plotted by: R.G. ALEXANDER
Date: 2-26-90

Checked by: H.L Benny
Date: 3-3-90

SOIL MOISTURE DATA SHEET

PROCEDURE NO. ETAL-14 REV. NO. Ø

THERMOMETER NO. 0007 CALIBRATION DUE DATE 8-16-90

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
O-111	5248.91	5006.28	584.00	4664.91	4422.28	5.49

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: R.G ALEXANDER DATE 2-28-90

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Company Contact: Jon Lindberg Telephone B-5005

Sample Collected by: K.M. Singleton Date: 2-14,15,16-90 Time: 1302, 1155, 1115 hrs

Sample Locations: 1100-EM-1, MW-3

Ice Chest No.: NA Field Logbook & Page No.: WHC-N-306-2

Remarks: Have a nice day Jerry

Bill of Lading No.: NA Off Site Property No.: NA

Method of Shipment: Van

Shipped to: 200-East 2101-M Lab

Sample Identification	
(1) MW-3-1, plastic bag	
(2) MW-3-2, plastic bag	NA
(3) MW-3-3, plastic bag & stainless steel liner.	NA

CHAIN OF POSSESSION

Relinquished by:	Received by:	Date/Time:
K.M. Singleton, K.M. Singleton	J. VAUGHN J. Vaughn	2/21/90 1015
J. VAUGHN J. Vaughn	R.G. ALEXANDER R.G Alexander	2/21/90 1045

FVR\071889-B

Westinghouse
Hanford Company

SAMPLE ANALYSIS REQUEST

PART I: FIELD SECTION

Collector: K.M. Singleton Date Sampled: 2-14,15-16-90 Time: 1302 1155 1115 hours

Company Contact J. Lindberg Telephone ( ) 6-5005

SAMPLE NUMBER	NUMBER & TYPE OF SAMPLE CONTAINERS	TYPE OF SAMPLE *	ANALYSIS REQUESTED
MW3-1	1 plastic bag	soil	Grain size
MW3-2	1 plastic bag	soil	Grain size
MW-3-3	1 steel liner in a plastic bag	soil	Grain size, A. limits, hydrometer

Field Information **

Special Handling and/or Storage

PART II: LABORATORY SECTION

Received by Title Date

Analysis Required

* Indicate Whether Sample is Soil, Sludge, Water, Etc.
** Use Back of Page for Additional Information Relative to Sample Location.

SURVEYED BY RM FOR SHIPMENT

Dose rate – side of container <0.5 mr-hr
Max. dose rate through the container 6 mr-hr
Dose rate to handle container 5 mr-hr
Dose rate at nearest approach on conveyance 4 mr-hr
External contamination <D&BK
SWP and RSR required Yes ☐ No ☒

SURVEYED BY Fpacker
DATE 2-14-90

54-6800-009(1-66) MW-3-

SURVEYED BY RM FOR SHIPMENT

Dose rate – side of container <0.5 mr-hr
Max. dose rate through the container 6 mr-hr
Dose rate to handle container 5 mr-hr
Dose rate at nearest approach on conveyance 4 mr-hr
External contamination <D&BK
SWP and RSR required Yes ☐ No ☒

SURVEYED BY Fpacker
DATE 2-16-90

54-6800-009(1-66) MW-3-3

SURVEYED BY RM FOR SHIPMENT

Dose rate – side of container <0.5 mr-hr
Max. dose rate through the container 6 mr-hr
Dose rate to handle container 5 mr-hr
Dose rate at nearest approach on conveyance 4 mr-hr
External contamination <D&BK
SWP and RSR required Yes ☐ No ☒

SURVEYED BY Fpacker
DATE 2-15-90

54-6800-009(1-66) MW-3-2

TEST REQUEST FORM

Sample/Specimen No. O-112 Cost Code/Work Order No. ED 332

Requested By: Org. 81232 Person J. LINDBERG Date 2-26-90

Test Requested	No. of Samples	Test Lab Information (Instruction Used)
SIEVE ANALYSIS	1	ETAL-07
HYDROMETER	1	ETAL-07 (IF REQ)
ATTERBERG LIMITS	1	ETAL-18
N/A	N/A	N/A

Remarks FIELD SAMPLE MW-3-3

Received By: RG ALEXANDER Date 2-21-90

Approved By: RG ALEXANDER Date 2-26-90

SIEVE ANALYSIS DATA SHEET

Sample ID O-112 Page 1 of 1

Tested By RG ALEXANDER Date 2-26-90

Procedure ETAL-07 Rev 1 Date Issued 11-15-89

EQUIPMENT ITEM	CALIBRATION NO.	DATE DUE
Balance	3304	3-25-90
Thermometer	0007	8-16-90
N/A	N/A	N/A

Sample Description SILTY SAND Sieve Time 10 (min)

reduced by ☒ splitting ☐ quartering ☐ stockpile

(B) (A)

BEFORE TEST WT. N/A AFTER TEST WT. N/A $\frac{B-A}{B}$ x 100 = N/A % LOSS

Sieve ID Number	Sieve Size	Sample Weight	Cumulative Wt. Retained (g)	% Retained	Cumulative % Retained	Cumulative % Pass	% Pass
N/A							
	#10	12663	Ø	Ø	Ø	100	100
	#40		10.58	8.4	8.4	91.6	91.6
	#60		31.48	24.9	24.9	75.1	75.1
	#100		50.06	39.5	39.5	60.5	60.5
	#200		70.84	55.9	55.9	44.1	44.1

Finess Modules (FM) N/A (See ASTM C 136-83, Section 8.2)

MATERIALS FINER THAN NO. 200 SIEVE BY WASHING

C=Percentage of Material Passing a 200 Sieve 44.1 %

D=Original Dry Weight of Sample 12663 g

E=Dry Weight of Sample After Washing/Sieve 7084 g

C = <(D-E)/D> X 100

Remarks

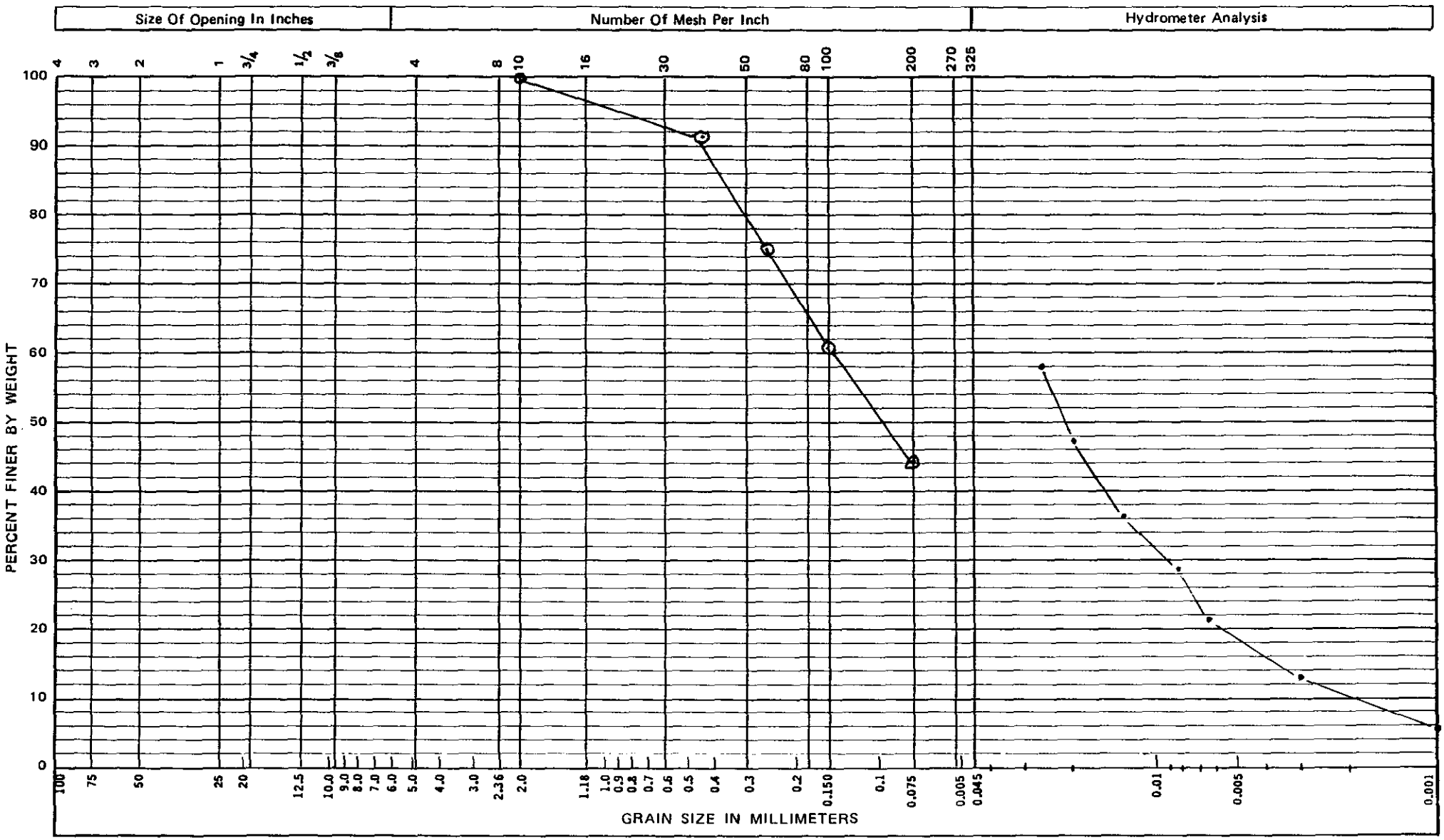
WASH GRADING

ALL DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS TRAINED AND USED CALIBRATED INSTRUMENTS

Checked By H C Benny Date 3-3-90

A-6400-204(2-87)

GRAIN SIZE ANALYSIS PLOT



Specimen No. O-112 Procedure No. ETL-07 Rev. 1 Date Issued 11-15-89

Sample Description: SILTY SAND
MW-3-3

Plotted by: R.G ALEXANDER
Date: 2-26-90

Checked by: HC Benny
Date: 3-3-90

SOIL MOISTURE DATA SHEET

PROCEDURE NO. ETAL-14 REV. NO. Ø

THERMOMETER NO. 0007 CALIBRATION DUE DATE 8-16-90

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
0-112	913.94	788.18	307.78	606.16	480.40	26.18

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: R.G. ALEXANDER DATE 2-28-90

SPECIFIC GRAVITY OF SOILS DATA SHEET

Specimen/Sample No. D-112 Page 1 of 1

Test Operator R.G. ALEXANDER 3-6-90

EQUIPMENT ITEM	NO.	DATE DUE
Balance	3304	3-26-90
Oven Thermometer	0007	8-16-90
Thermometer	0002	2-9-91
Pycnometer	2554	N/A

Wetting Agent "Φ" WATER

	DETERMINATION NO.	1	2	3
	Drying Container No.	N/A	N/A	N/A
	Wt. Container + Oven Dry Soil, ± 0.01g	N/A .__	.__	.__
	Wt. Container, ± 0.01g	N/A .__	.__	.__
W_o	Wt. Oven Dry Soil, g	40 .00	.__	.__
	Pycnometer No.	2554		
	Wt. Pycnometer, g	135 .72	.__	.__
W_a	Wt. Pycnometer + Wetting Agent, g	387 .12	.__	.__
W_b	Wt. Pycnometer + Wetting Agent + Soil, g	412 .12	.__	.__
	Temperature, T_x at W_b, °C	23.6C		
G_w	Specific Gravity of Wetting Agent at T_x	1.00	_.__	_.__
G_t	Specific Gravity of Soil at T_x	2.67	_.__	_.__
G_s	Specific Gravity of Soil at 20°C	2.66	_.__	_.__

$$G_t = \frac{G_{w^*}\gamma_{w^*}W_o}{W_o + (W_a - W_b)}$$

γ_w = Unit Weight Of Water (g/cc)

*$G_s = K \cdot G_t$

K values found in ASTM D854-58, Table 1

*NOTE $G_s = G_t$ When Test Run at 20 °c

Average Specific Gravity At 20°c	2.66

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND UTILIZED CALIBRATED TEST INSTRUMENTS AS INDICATED ABOVE. APPROVED TEST PROCEDURES WERE FOLLOWED TO PRODUCE THE ABOVE DATA.

Checked By H C Benny Date 3-7-90

A-6400-235 (9-86)

HYDROMETER ANALYSIS DATA SHEET

Sample ID O-~~012~~ 112 HLB 3-8-90 Page 1 of 1

Tested By HLBenny Date 3-8-90

Procedure ETAL 07 Rev 1 Date Issued 11-15-89

EQUIPMENT ITEM	NO.	CALIBRATION DUE DATE
Hydrometer	1000	2-16-91
Balance	3304	3-25-90
Thermometer/Thermocouple	0002	2-9-91

Specific gravity of Sample 2.66

% Passing No. 10 Sieve 100 (%)

Hygroscopic Correction Factor Ø

WEIGHT OF SAMPLE

Wt. Container + Soil _____ (g)

Wt. Container _____ (g)

Wt. Soil 69.13 (g)

COMPOSITE CORRECTION

1st Reading 7 at 24.2 °C

2nd Reading NA at NA °C

HYGROSCOPIC MOISTURE CONTENT

Wt. Container + Air Dry Soil _____ (g)

Wt. Container + Oven Dry Soil _____ (g)

Wt. Container _____ (g)

Water Content _____ (%)

REMARKS

Tube F

Date	Clock time	Elapsed time (min)	Hydrometer reading	Hydrometer with composite correction	Temp. (°C)	Soil in suspension (%)	Particle diameter (mm)
3-8-90	0944	2.0	47	40	23.5	57.9	0.027
	0947	5.0	40	33	23.4	47.7	0.018
	0957	15.0	32	25	23.3	36.2	0.011
	1012	30.0	27	20	22.7	28.9	0.008
	1042	60.0	22	15	23.0	21.7	0.006
	1352	250.00	16	9	22.4	13.0	0.003
3-9-90	0942	1,440.0	11	4	22.4	5.8	0.001

Formulas and Tables used to calculate percent Soil in suspension, particle diameter and hygroscopic correction factor are found in ASTM D422.

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND UTILIZED CALIBRATED TEST INSTRUMENTS AS INDICATED ABOVE. APPROVED TEST PROCEDURES WERE FOLLOWED TO PRODUCE THE ABOVE DATA.

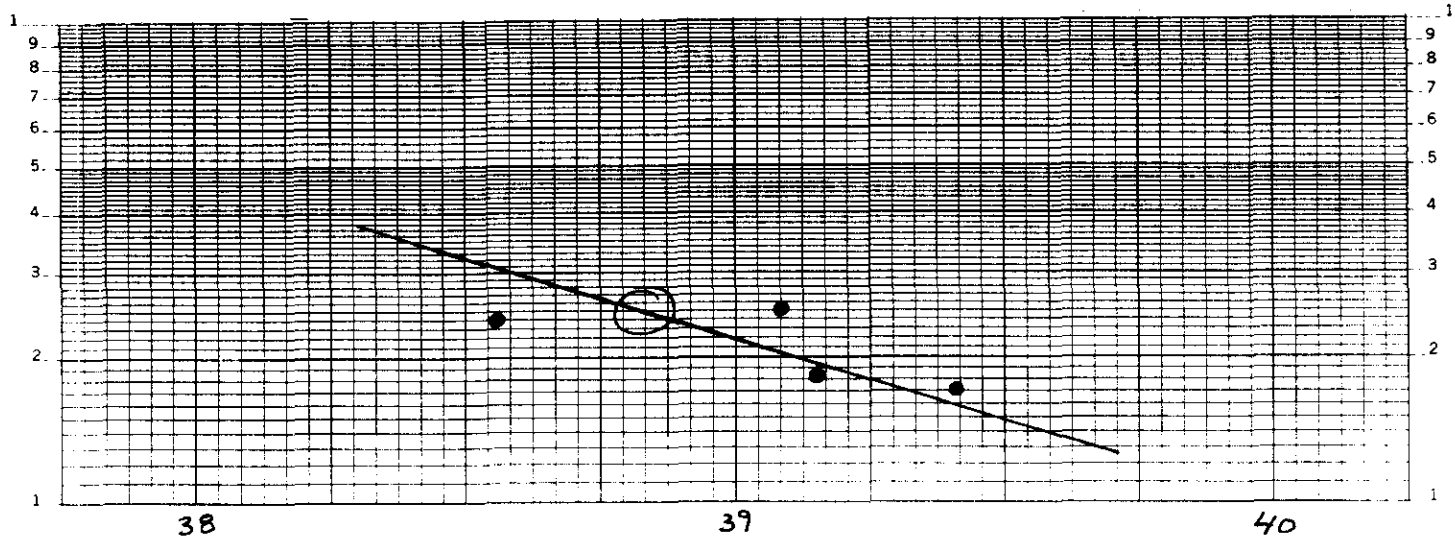
Checked By J J Relyea Date 3-20-90

PLASTIC INDEX SOILS DATA SHEET

Sample No. O-112 Page 1 of 2

Test Operator HL Benny Date 4/9/90

Thermometer No. 0007 Calibration Date 8/16/90



Liquid Limit (LL) 38.83 Graph

Liquid Limit (LL) NA One Point

Moisture (LL) 38.83 %

Plastic Limit (PL) 33.30 (Avg.)

Moisture (PL) 34.05% 34.15% 31.71%

Plastic Index (PI)* ~~7.12~~ 5.53 LAB

*PI = LL − PL

Remarks

ALL DATA ARE ACCURATELY AND COMPLETELY RECORDED.
THE TEST OPERATOR WAS APPROPIATELY TRAINED AND ULITIZED CALIBRATED TEST INSTRUMENTS. APPROVED TEST PROCEDURES WERE FOLLOWED TO PRODUCE THIS DATA.

SOIL MOISTURE DATA SHEET

PROCEDURE NO. ETAL-018 REV. NO. 0

THERMOMETER NO. 0007 CALIBRATION DUE DATE 8/16/90

Blows	SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
	0-112-1	24.81	23.39	19.22	5.59	4.17	34.05
	-2	24.04	22.64	18.54	5.50	4.10	34.15
	-3	23.53	22.62	19.75	3.78	2.87	31.71
					Ave	% Water	33.30
18	0-112-4	27.82	24.43	15.77	12.05	8.66	39.15
25	-5	22.80	19.56	11.27	11.53	8.29	39.08
17	-6	23.97	20.38	11.27	12.70	9.11	39.41
24	-7	26.79	24.82	19.71	7.08	5.11	38.55
					Ave	% Water	39.05

LDB 4/17/90

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: HC Benny DATE 4/9/90

Westinghouse
Hanford Company

CHAIN OF CUSTODY

Company Contact: Jon Lindberg Telephone B-5005

Sample Collected by: K.M. Singleton Date: 2-14,15,16-90 Time: 1302, 1155, 1115 hrs

Sample Locations: 1100-EM-1, MW-3

Ice Chest No.: NA Field Logbook & Page No.: WHC-N-306-2

Remarks: Have a nice day Jerry

Bill of Lading No.: NA Off Site Property No.: NA

Method of Shipment: Van

Shipped to: 200-East 2101-M Lab

Sample Identification

1. MW-3-1, plastic bag
2. MW-3-2, plastic bag
3. MW-3-3, plastic bag & stainless steel liner.

NA

NA

CHAIN OF POSSESSION

Relinquished by:	Received by:	Date/Time:
K.M. Singleton, K.M. Singleton	J. VAUGHAN J. Vaughn	2/21/90 1015
J. VAUGHN J. Vaughn	R.G. Alexander R.G ALEXANDER	2/21/90 1045

FVR\071889-B

Westinghouse
Hanford Company

SAMPLE ANALYSIS REQUEST

PART I: FIELD SECTION

Collector: K.M. Singleton Date Sampled: 2-14,15-16-90 Time: 1302 1155 1115 hours

Company Contact J. Lindberg Telephone ( ) 6-5005

SAMPLE NUMBER	NUMBER & TYPE OF SAMPLE CONTAINERS	TYPE OF SAMPLE *	ANALYSIS REQUESTED
MW3-1	1 plastic bag	soil	Grain size
MW3-2	1 plastic bag	soil	Grain size
MW-3-3	1 steel liner in a plastic bag	soil	Grain size, A. limits, hydrometer

Field Information **

Special Handling and/or Storage

PART II: LABORATORY SECTION

Received by Title Date

Analysis Required

* Indicate Whether Sample is Soil, Sludge, Water, Etc.

** Use Back of Page for Additional Information Relative to Sample Location.

SURVEYED BY RM FOR SHIPMENT

Dose rate – side of container <0.5 mr-hr
Max. dose rate through the container ~ mr-hr
Dose rate to handle container ~ mr-hr
Dose rate at nearest approach on conveyance ~ mr-hr
External contamination <D&B
SWP and RSR required Yes ☐ No ☒

SURVEYED BY T. Parker
DATE 2-14-90

54-6800-009(1-66) MW-3-1

SURVEYED BY RM FOR SHIPMENT

Dose rate – side of container <0.5 mr-hr
Max. dose rate through the container ~ mr-hr
Dose rate to handle container ~ mr-hr
Dose rate at nearest approach on conveyance ~ mr-hr
External contamination <D&B
SWP and RSR required Yes ☐ No ☒

SURVEYED BY T. Parker
DATE 2-16-90

54-6800-009(1-66) MW-3-3

SURVEYED BY RM FOR SHIPMENT

Dose rate – side of container <0.5 mr-hr
Max. dose rate through the container ~ mr-hr
Dose rate to handle container ~ mr-hr
Dose rate at nearest approach on conveyance ~ mr-hr
External contamination <D&B
SWP and RSR required Yes ☐ No ☒

SURVEYED BY T. Parker
DATE 2-15-90

54-6800-009(1-66) MW-3-2